FOUNDRY
TRADE JOURNAL

INDEX TO VOLUME 146
January to June, 1979

A

Abrasive Shot, Recording Mass Flow-Rate, 1325

Accidents and Dangerous Occurrences at Work, Notifying, 916

Air Power for an Irish Automated Foundry, 1433

Alloy Casting at Doncasters, 1317

Aluminium Foundry for BL Components, New, 154, 308

Anti-dumping duties, 606, 1397

Apprentices: Award Presentations to, 4; Competition, National Foundry, 709

Arc-furnace Plant, Vibrators help Maintain Pollution Control on, 574

Asselbergs Holland—a £10m. Investment, 765

Association of Bronze and Brass Founders, Presidential Address, 1276

Australian Foundry Institute to hold National Convention, 613

Award: Presentations to Apprentices, 4; Simon-Warman Apprentice wins IBF, 1209; Tibbenham, L. J., 1396

B

BCIRA—Foundry Technology for the '80s, conference, 261, 1285, 1401

Belgian Foundry organises visit for UK Stove Distributors, 865

BL Components, New Aluminium Foundry for, 308

Bolton Institute Prizegiving, 655

Book Reviews: Founding, Annual of, 1397; Non-ferrous Metal Production Worldwide, 1067

Brafe Engineering, Recent Developments at, 909

British Standards: Improved Standardisation Practice, 489; Ultrasonic Flaw Detection, 8

Brockhouse Castings switch to Electric Melting, 38

Brockhouse Hunt, Limited, Drum Furnace proves success at, 472

Bronze and Brass Founders, Association of, Presidential Address, 1276

Brown, David, Castings in Massive Draglines, 1431

BSC: Craigneuk—a Steelfoundry Transformed, 315; Scunthorpe, Suction Clean-up at, 44

Budapest Diary, Proceedings of the 45th International Foundry Congress, 109

C

Capital Projects, Economic Evaluation of, 11

Carbon Dust, Health risks of, 920

Careers: Exhibition shows Foundry Opportunities, 980; Foundry Seminars a Success, 980; Vocational Preparation Proposals, 981

Cast Iron: Celebrity Lecture features, 356; Combined Influence of Vanadium and Titanium on, with Lamellar Graphite, 877; Pipe System extended, 1348

Castings: Alloy at Doncasters, 1317; Automatic Filter-unit incorporates High-quality, 1424; Bio-Engineering in, 439; Brown, David, in Massive Draglines, 1431; Facilities, S. Russell extend, 7; Grey-iron, the marketing of, 213; Industry, Guide to Spanish, 929; Prices, Warning on, 552; Prolong Life of Off-Shore oil Platforms, 212

Castings '79 Exhibition: Portuguese at, 1273; Steel Expertise shown at, 981; Review, 791;

Castings, Limited to build foundry, 435

Changes—So Fast! (leader), 1271

Chinese examine Progress in Metals Research, 1116

Cincinnati Milacron, Cold-set Moulding at, 269

Cold-set Moulding at Cincinnati Milacron, Pneumatic Conveyors assist Changeover, 269

Cold-shell Moulding Machine, A New, 458

CompAir Industrial, Limited, Loading Shovel, 29

Companies combine for Bulk Handling, 605

Competitions: DoI's Young Engineer for Britain, 1396; National Foundry Apprentice, 709

Computers in the Foundry Industry—a Report on a Recent BNF Conference, 561

Con-Cast '79: Conference, 270; Dinner, 652; (leader) 307

Conferences: Australian Foundry Institute to hold National Convention, 613; BCIRA International Conference, 261, (1980) 613, 1285, 1401; Chemists' Conference 32, 598; Computers—in the Foundry Industry, 561; —for Purchasing and Supply, 598; Con-Cast '79, 270; "Design for Growth", 270; Fire Prevention Workshop, 598; Foundry Technology for the 80's, 261; Grey-iron castings, the marketing of, 213; Health & Safety, 1116; 1214; IBF 76th Annual, 1198; INA, the marketing of grey-iron castings, 213; International Foundry Congress, Budapest, 109, 375; International Safety Exhibition and World Congress, 157; Magnesium, in Oslo, preliminary arrangements, 493; Meehanite, Forty-sixth annual, 219; Microprocessors, 712; Powder Technology Exhibition and Congrtss, 276; Second National Diecasting, 1239

Continental Order, Foundry wins part of, 656

Conveyor Systems, Leeds Company makes Extensive use of castings in, 1326

Correspondence: 925, 1072, 1112, 1336

Council of Ironfoundry Associations (CFA): Foundry Visits, 1113; William Lee Malleable host Visitors, 925

Course, Crash for Casting Buyers? (leader), 547

Cranes: Electric Overhead, 824; Prove Essential to Expansion Programme, 912

Cupola Up-dating at Duport, 865

Stanton and Staveley: Display Tunnel Segments, 710; Increasing Production at, 50

Steel: Castings, Massive, 153; Expertise shown at Cast-

D

Deritend acquires Irish Investment Casting Company, 605

"Design for Growth" conference, 270

Diamond Compounds, Inclusion Assessment relies on, 1322

Doncasters, Alloy Casting at, 1317

Dover Engineering Works, Limited, 1188

Draglines, David Brown Castings in Massive, 1431

Drum Furnace proves success at Brockhouse Hunt, Limited, 472

Dual-purpose Cranes assist Shotblast Abrasive Plant Construction, 475

Ductile Iron: Main improves Water Distribution, 1113; New Grade of Developed, 929: survives battering at Portland, 490

Duplex Casting System: More than doubles Output, 5; superheats Iron at International Harvester, 577

Duport, Cupola Up-dating at, 865

Düsseldorf, Foundry Trade Fair, 993, 1111, 1133

E

Economic Evaluation of Capital Projects II, 11

Effest—Metallurgy, Sand Technology and Economics, 1049

Electric: Melting—introduced at Rugby, 1344;—improves Foundry Environment, 909; Overhead Cranes contribute to Redevelopment, 824; Safety in the Foundry, 1427

Electron Microscope reveals Past Technology, 899

Engineering Production, Good Prospects forecast for, 983

Environment, Electric Melting improves Foundry, 909

European Founding—Asselbergs Holland £10m. Investment in the Future of, 765

Exhibitions: Castings '79, 791, Portuguese at, 1273; Coal Today and Tomorrow, 1275; Foundry Career Opportunities shown, 980; GIFA '79, 993, 1111, 1133; "Great Stovevent", 1979, Report, 902; METEC '79, 1115; Microprocessors, 712; Midest, 1400

Expansion Programme at RKB Factory, 8

F

Filter-unit, Automatic incorporates High-quality Castings, 1424

Finance for Business, 596

Fire Prevention Workshop, 1979

Foundry: Capacity in Scotland—A Directory, 605; Coke Merchants Association Annual Dinner, 436; Continental Order, wins part of, 656; Industry Training Committee—Annual Report, 272; International Harvester, expansion at, 764; Irish Automated, Air Power for an, 1433; Management, Guide to Modern, 11; Manpower, 165; Russell, S., & Sons, Limited, 7, 682 1352; Stand visited by HRH Prince Philip, 4; Ward, Thos. W., Limited announce New £1.25m., 1347; Year Book 1979, 479

Foundry Industry Training Committee (FITC): "Foundry Apprenticeship" Course a success, 763; In-company Course, 468; offers New Courses and Facilities, 602

Friederichs, Dr., Presentation to, 761

G

GIFA 79: Review, 993, 1133; What to Look for at (leader), 1111

Golf Tournament, National Foundry Industry, 376

Government Aid Schemes (leader: Time Running Out?), 759

Grant Schemes, Funds available, 47

Grinding Wheel Technology, Scottish Trade Event, 47

H

Hadleigh Castings, Limited, 345

Hamworthy Engineering host Livery Company, 1352

Harmark-Litex—Service to the Foundry Industry, 30

Hattersley Newman Hender, New Foundry Equipment for, 864

Head Wrightson, Schools Visit, 43

Health & Safety: Accidents—and Dangerous Occurrences at Work, Notifying, 916; —at Work, 5, 610; Act has proved its worth, 1272; Assessment and Prevention of Risks, 1441; Conference and Exhibition, 1116; Dust Victims to get Compensation, 920; Electrical in the Foundry, 1427; Future of Workplace, 919; Isocyanates, Safe use of, 1445; Limits for Toxic Substances, 1397 Manufacturing and Service Industries, 312; Research, Developments, 158; Risks of Carbon Dust, 920; ROSPA's Conference, 926; Shift Work seriously affect?, could, 5

Heat-treatment Furnace Cuts Time and Cost, 698

High-silicon Nodular Irons, 657

Holland, Asselbergs—a £10m. Investment in the Future of European Founding, 765

I

Imported Timber, Dangers, 153

INA Conference, the marketing of grey-iron castings, 213

Inform, The Need to, (leader), 979

IBF: "Con-Cast 79" Dinner, 652; Conference 76th Annual, 1198, 1201; News, 48, 96, 216, 364, 483, 609, 700, 868, 1339, 1396; Seventy-fifth Anniversary (leader), 863; Sheffield branch annual dinner, 432; Simon-Warman Apprentice wins Award, 1209; Tibbenham, L. J., Award (1979), 1396

Institute of Purchasing and Supply (IPS): "Con-Cast 79" Dinner, 652

International Harvester: Duplex System superheats Iron at, 577; Expansion at, 764

International conference (leader), 95

Investment Castings, New Company Specialises in Light-Alloy, 653

Ionising Radiation Standards, Consultative Document on, 919

Irish: Automated Foundry, Air Power for an, 1433; Investment Company, Deritend acquires an, 605

Iron Founders report paints Gloomy Picture, 548

Ironfounding Museum for Falkirk?, 609

Ironworkers' Cottages Restored, 154

K

King, John, & Company, Malleable-chain Production at, 1326

L

Lamellar Graphite, Combined Influence of Vanadium and Titanium on Cast Iron with, 877

Lathe Ball-head Turret, Meehanite Nodular-graphite Iron used for, 353

Lead, Consultative Document on (leader), 211

Leaders: 3, 95, 211, 307, 431, 547, 651, 759, 863; 979; 1111, 1271, 1395

Leeds: Company uses Castings in Conveyor Systems, 1326; New Aluminium Foundry at, 154; University: Foundry Stand, 4

Light-Alloy Investment Castings, New Company Specialises in, 653

Light Metal Founders' Association (LMFA) Dinner Dance, 601

Lloyd, F. H., Railway Contract Awarded to, 50

Luke & Spencer's Manufacturing Set-up, 579

M

Machine-Tool Industry, increased orders, 489

Magnesium Conference in Oslo, preliminary arrangements, 493

Malleable: Chain Production at John King & Company, 1326;—iron, Nodular-graphite Iron replaces, 1332

Manchester Steel Training Centre Opened, 1116

Mechanical Handling, BS safety code, 486

Meehanite: Conference, Forty-sixth annual, 219; Nodular-graphite Iron used for Lathe Ball-head Turret, 353

METEC '79 1115

Microprocessors: Exhibition and Conference, 712; Greater awareness needed, 50; Impact of, 1444 Seminars on the Impact of, 867

Microscope, Electron, reveals Past Technology, 899

Midest, Birmingham Chamber to assist Exhibitors at, 1400

Monobox Crane withstands Arduous Foundry Duties, 354

N

National Foundry and Engineering Training Association (NEFTA): Mobile Training Unit Launched, 490

National Foundry: Industry Golf Tournament, 376

Nodular-graphite Iron: replaces Malleable Iron, 1332; High-silicon, 657

Non-ferrous Foundry Scheme Advisory Committee Appointments, 606

O

Off-shore Oil Platforms, Castings prolong life of, 212

P

People: 57, 58, 160, 376, 484, 616, 656, 760, 923, 1071, 1210, 1351, 1399

P.I. Castings Group specialises in Light-Alloy Investment Castings, 653

Poland, Coresand Mixers for, 865

Pollution Control and Sand Reclamation, increased Production with, 1188

Portuguese at Castings Exhibition, 1273

Pneumatic Conveyors assist Changeover to Cold-set Moulding at Cincinnati Milacron, 269

Product Liability—Sensible or Crazy? (leader), 651

Production Management, Training for, 925

Progress & Development Reports: Abrasive Shot, Recording Mass Flow-Rate, 1325; Brafe Engineering, Recent developments at, 909; Brockhouse Castings switch to Electric Melting, 38; BSC Scunthorpe, Suction Clean-up at, 44; Castings, Automatic Filter-unit incorporates High-quality, 1424; CompAir Industrial Limited, Loading Shovel, 29; Concrete Storage Silos, Sand Quarry instals, 471; Diamond Compounds, Inclusion Assessment relies on, 1322; Dover Engineering Works, Limited, 1188; Brockhouse Hunt, Limited, Drum Furnace proves success at, 472; Effset—Metallurgy, Sand Technology and Economics, 1049; Electric Overhead Cranes contribute to Redevelopment, 824; Finance for Business, 596; FITC In-Company Course, 468; Hadleigh Castings, Limited, 345; Heat-treatment Furnace Cuts Time and Cost, 698; International Harvester, Duplex System superheats Iron at, 577; Irish Automated Foundry, Air Power for an, 1433; Luke & Spencer's Manufacturing Set-up, 579; Nodular-graphite Iron replaces Malleable Iron, 1332; Shotblast Abrasive Plant Construction, Dual-Purpose Cranes assist, 475; Steel Foundry Arc-furnace Fume-control, New Developments, 140; TI Parkray, New Dust Collection Plant, 139; Vanadium and Titanium on Cast Iron with Lamellar Graphite, Combined Influence of, 877; Vibrators help Maintain Pollution Control on Arc-furnace Plant, 574; Westinghouse Brake and Signal, Handling Hot Sand at, 472

Prospects, 1979 (leader), 3

R

Railway Contract Awarded to F. H. Lloyd, 50

Research into Industrial Robots, 494

Retirement after 50 years with Sterling Metals, 606

RKB Factory Expansion Programme, 8

Robots, Research into Industrial, 494

Rugby, Electric Melting introduced at, 1344

Russell, S and Sons, Limited: American Visitor for, 1352; Extend Casting Facilities, 7; Recent Developments at, 682

S

Safety Code for Transfer Machines, 606

SAMSA—Annual Dinner, 157

Sand: Bonding System, Harmark-Litex Limited, 30; Westinghouse Brake and Signal, Handling Hot at, 472; Quarry instals Concrete Storage Silos, 471; Reclamation and Pollution Control, increased Production with, 1188

Scrap: Costs, Increased, 435; Price Increases Alarm Ironfounders, 165

Second National Discasting Conference Report, 1239

Seminars: Foundry Careers a Success, 980; Impact of Microprocessors, 876

S.-g. Iron Castings used in Motorway Barriers, 552

Shift Work, could it seriously affect Health, 5

Shotblast Abrasive Plant Construction, Dual-purpose Cranes assist, 475

Simon-Warman: Apprentice wins IBF Award, 1209; Competition Winners, 865

Spanish: Castings Industry, Guide to, 929; Company expands Electric-melting Facilities, 609

Stainless-steel: Castings suspend London Building, 353; Statue, 457

ings Exhibition, 981; Foundry Air-furnace Fume-control, New Developments, 140; Foundry Transformed, BSS Craigneuk, 315

Stothert & Pitt, Continuing Development at, 609

Stovevent, Great, 1979, report, 902

Strikes in Britain, 166

T

Technology, Foundry, for the '80s, 1285, 1401

Thomas, Sidney Gilchrist, Centenary Celebrations, 760

TI Parkray, New Dust Collection Plant, 139

Time Running Out? (leader), 759

Titanium and Vanadium on Cast Iron with Lamellar Graphite, Combined Influence of, 877

Training: Applied Acoustics, MSc in, 926; Award Presentations to Apprentices, 4; Bolton Institute Prizegiving, 655; FITC—"Foundry Apprenticeship" Course a success, 763; — In-company course 468; Management Centre opens in Yorkshire, 479; Manchester Steel Centre Opened, 1116; National Foundry Apprentice Competition, 709; Production Management, for, 925

U

UK Tooling capacity (leader), 431

Ultrasonic Flaw Detection, Revised Standard, 8

V

Vanadium and Titanium on Cast Iron with Lamellar Graphite, Combined Influence of, 877

Vibrators help Maintain Pollution Control on Arc-furnace Plant, 574

W

Ward, Thos. W., Limited announce new £1.25m. Foundry, 1347

William Lee Malleable host CFA Visitors, 925

Westinghouse Brake and Signal, Handling Hot Sand at, 472

Authors

Bailey-Watson, C.B.H., 439
Beet, D., 1049
Coor, A., 77
Diggles, A. P., 11
Fairhurst, W., 657
Fallows, J., 458
Goriup, P. D., 401, 682
Hallyer, C., 165
McCombe, C.
McCormack, W., 458
Milroy, B., 902
Moore, C., 1049
Röhrig, K., 657
Sissener, J., 877
Smith, D. M., 561
Squires, B. J., 140

Diecasting Technology Supplement

Ashworths, Thomas, celebrate 150th Anniversary, 727

Brockhouse Kaye, Recent Developments at, 412

Conferences: 'Design for Growth', 185; Future Trends in Production Technology and Market Opportunities, 185; Diecasting '79—Future Market Trends and Materials, 183; Diecasting Society holds Successful National, 948; Second National Diecasting, 1239

CNC Milling Machine used for Deburring Diecastings, 958

Design: — for Growth" conference, 185; Profitable Die, in the 80's, Symposium, 728; ZDA Industrial Design Competition, 195

Diecast Components, demand for increases, 740

Diecasting Society: Midland Dinner, 738; News: 184, 400, 948, 1471; Symposium deals with Profitable Die Design in the 80's, 728; Visits German Plants, 401

Diecasting in the World of Miniaturisation, 961

Guest, John, (Southern), Limited—Overhead-handling at, 739

Immersed Crucible Seminar held in France, 399

Italian Expertise in Furnace Construction, SFEAT Spa, 729

Low-pressure diecastings, 183

Machines, 949

Magnesium Wheels, US Wheelchair incorporates Diecast, 1250

Metal Castings (Worcester), Limited look to—the Future, 960; —Microprocessors in Diecasting Production, 1473

Microprocessors, Metal Castings (Worcester), Limited look to, 1473

Miniaturisation, Diecastings in the World of, 961

Overhead-handling speeds Flow of Diecastings, 739

Pressure-diecasting Machines, Triulzi—an International Name in, 949

Progress & Development Reports: CNC Milling Machine used for Deburring Diecastings, 958; Overhead-handling speeds Flow of Diecastings, 739

Second National Diecasting Conference Report, 1239

SFEAT Spa—Italian Expertise in Furnace Construction, 729

Singer, J. W., expand Diecasting Production, 735

Suppliers to the Industry: SFEAT Spa—Italian Expertise in Furnace Construction, 729

Triulzi—an International Name in Pressure-diecasting, Machines, 949

US Diecasters form Die Casting Federation, 740

Zinc: Diecasting—New Approaches to Finishes, 947; Diecasting Association (ZDA) Industrial Design Competition, 195

Revival on the Way?, 1237

Patternmaking Supplement

Brass Cannon, Pattern for, 839

Conference: NSMP/IBF Joint Conference and Exhibition, Third Report, 1085

Crocket Lowe Group annual dinner, 287

Epoxy-resin Pattern, 842

Exhibition: Ligna, Hannover '79, 1090

Gauge and Tool Industry: SWP for the, 1363

Gauge and Tool Makers' Association (GTMA) Activities, 521; News: 840

Hannover '79, Ligna Exhibition, 1090

National Society of Master Patternmakers (NSMP): Annual Meeting, 1365; IBF Joint Conference and Exhibition, 283, 517, 1085; Technician Education Set-up, updated on the, 77

Press Patterns, Limited, New Equipment for, 840

Sarginson Bros. Changes, 521

Wadkin's New Directors, 521

FOUNDRY

TRADE JOURNAL

INDEX TO VOLUME 147

July to December, 1979

A

A. & N. Foundries, Reclamation of Resin-bonded Sand, at, 46

Advisory Committee for Foundry Industry, 285

Ajax Magnethermic Extension opened by Chancellor of the Exchequer, 1021

Aluminium-bronze, The Suitability and Economics of using in Cast Form, 774

Aluminium Bronze Company, Limited, 546

Anniversary Year, IBF's 75th, 297, 433

Austin Morris—Longbridge Foundry, 542

Australian Foundry Convention, 154

B

Bank can help you, How your, 1096

Barton Abrasives, Limited, 871

BCIRA Abstracts of International Foundry Literature, 831

BICTA: Conference, Fifteenth Annual, 215; Successful Inaugural Golf Tournament, hold, 144

Birmal Castings, Limited, 679

Blakeborough Castings, Lloyd's Register approval for, 1107

BNF Annual Report, 511

Borden (UK), Limited, Golf Tournament, 5, 100, 208, 616

Bradley & Foster: 672; Golf Competition, 67

Brickhouse Dudley Manufacturing Modernisation, 8

Brockhouse Castings, Limited, 656

Brockhouse Hunt, Limited, 515

BSC's Landore Foundry, Revitalisation at, 879

Butlers Foundries, Limited, 650

C

CAEF, 407

Careers: in Industry (leader), 1055; in Metal Castings (leader), 723, 901

Cast: Form, The Suitability and Economics of using Aluminium-bronze in, 774; Sculptures Win Worldwide Acclaim, 285

Castings: Careers in Metal, 723; Technical Control in the Production of High-quality Grey-iron, 737

Chamberlin & Hill, Limited, 543

Chrysler UK Foundry, 660

Ciba-Geigy, 1168

CO_2 Process Demonstration, 1322

Coalbrookdale Museum of Iron, Royal Opening of, 212

Computerisation, A Pragmatic Approach to Foundry, 1212

Conferences: BICTA, Fifteenth Annual, 215; FITC Moulder/Coremaker, 240; Health & Safety, 58; IBF's Seventy-sixth Annual, 297; Lead, Madrid to be the venue. 245; Meehanite, Forty-seventh Annual, 959, 1175 Solidification Technology, 155

Congress: Worldwide Participation at Madrid Foundry, 832; Report, 1299

Conservation, Research into Materials and Energy, 8

Contrasts, Contradictions and Cold-comfort (leader), 615

Convention: Australian Foundry, 154

Coremaking Machines at GIFA '79, 413

Correspondence, 4, 100, 208, 284, 619, 956, 1060, 1171

Crockett Lowe, Limited hold Dinner/dance, 1172

Cronite, Limited's Foundries visited by IBF, 561

D

Delta, Induction Melting at, 559

Demonstrations, Foundry and Patternmaking, 1056

Deritend Precision Castings, Limited, 654

DISA receive M. M. Hallett Award, 1979, 161

Draycast Foundries adopt Computer Scheme, 1212

Ductile Iron: London Museums served by, Gas Main, 57

Dudley Foundry Company, Limited, The, 663

Dust, Combating Fettling, 648

E

Eddy-current Systems when evaluating Structural Changes in Cast Iron, Use of Low-frequency, 994

Energy Conservation: Consumption continues to Increase, 1110; Report calls for to be taught in Schools, 725; Vigorous Campaign called for, 829

Engineering Employment Prospecsts Deteriorate, 1106

Eros—A Landmark in Founding, 1003

European Foundries and their Future Foundry Technology, Effect of World Socio-economic Developments on, 125

Exhibitions: Foundry Industry, an Image of the, 142; GIFA '79, 53, 107

Export: Licensing Arrangements, Non-alloy Ferrous Scrap, 725; Steel, British, Squeezed, 150

F

Falkirk Town Hall, Prizegiving in, 411

Ferrite Rims, Elimination of in Shell-moulded Iron Castings, 409

Fettling Dust, Combating, 648

Finance for the Foundryman: Bank can help you, How your, 1096

FITC: Metal Casting Careers Material, 901; Moulder/Coremaker Conference, 240; Moulder/Coremaker Trainees receive Prizes, 508; Stand Improves Awareness, 1106; Technician's Symposium 1979, 1276

Ford Motor Company, Limited, 668

Foundry Bookshelf, 456, 790, 1116, 1324

Foundry and Patternmaking Demonstrations, 1056

G

GEC Turbine Generators, Limited, Modernisation, 7

GIFA '79: Records, sets new, 53; Retrospect, in, 107, 413, 623, 841, 1063, 1283

GKN Shotton, Limited, 554

Golf: BICTA hold Successful Inaugural Tournament, 144; Bradley & Foster, 67; Glynwed hold successful Tournament, 284; IBF, Society, 58; Tournament, National Foundry Industry, 5, 100, 208, 616

Gloom and Doom (leader), 507

Glynwed hold successful Golf Tournament, 284

Grey and Nodular Alloyed and High-strength Irons, 963

H

Hackney College, Foundry and Patternmaking Demonstrations, 1056

Hallett, M. M., DISA receive Award 1979, 161

Hamilton, Foundry Development to create new Jobs in, 724

Hayes Shell-Cast, Limited, 666

Health & Safety: Accidents at Work, 55; Asbestos Controls: Britain may have the World's Strictest, 1113; Limits for Recommended, 1021; Conference, 58; Deafness, Benefits for Occupational, 689; Guarding Foundry Machinery, 689; EEC Officials discuss Operation of Laws, 829; First-aid Regulations for Industry Proposed, 828; Guidance to Inspectors, 67; Signs, Standardised Workplace Safety, proposed, 57; Training, In-plant Safety, 724

Henley Foundries, Limited, 664

I

IBF: Anniversary (leader), 283; Conference, Seventy-sixth Annual, 297, 433; Cronite, Limited's Foundries visited by, 561; Future of the Institute, 349; Golfing Society, 58; Liaison Activities, expanding, 353; National Works Visits Days, 515, 650

News: 238, 478, 569, 889, 1010, 1121, 1224, 1280; President, My Year as, 438; Sponsorship Scheme, 361; Twenty-five Years Between, 329; Who's Who, 343; Works Visits Days, 515, 650, 956; Indian Foundrymen attend Meehanite Seminar, 104; Induction Melting at Delta, 559; Industrial Handling Seminar, 99, 154

Investment: Castings, Nickel, 683; Intentions, Industry's 4

Iron Bridge, View from the, 684

Ironbridge Gorge Museum, 669, 894

Ironfounders' Mission to US, British, 101

J

Jennings Winch & Foundry Company, Limited, 508

L

Landore Foundry, Revitalisation at BSC's, 879

Leaders: 3, 99, 207, 283, 407, 507, 615, 723, 827, 955, 1055, 1167, 1275

Lloyd's Register approval for Blakeborough Castings, 1107

Looking Back (Leader), 1275

M

Madrid Foundry Congress, Worldwide Participation at, 832, 1299

Magnetic Separator provides Worthwhile Savings, 1220

Meehanite: Annual Conference, 959, 1175; Indian Foundrymen attend Seminar, 104; Research Group Technical Meeting, 146

Metal Casting Careers Material, 723, 901

Metal Castings (Worcester), Limited, 519

Metal Trades Organisations, 209

Midland Foundry Training Centre, New Course at the, 1057

Modernisation Programmes: Rugby Foundry, 7; Brickhouse Dudley Manufacturing, 8

Moulding Machines, 841

N

National Works Visits Days, IBF, 515, 650

Ni-Resist Cast Irons, Weldability of Spheroidal-graphite-type, 17

Nickel Investment Castings, 683

P

Parkes, A. R.—End of an Era, 408

Paterson, W., (Foundry Materials), Limited, expand at Kilsyth, 1088

Patternmaking Demonstrations, Foundry and, 1056

Patterns, Famous Waterwheels retain Nineteenth-century, 1099

People, 64, 162, 242, 287, 470, 688, 727, 894, 1014, 1109, 1239, 1320

Portsmouth No. 3 Ship Shops, 1006

Prizegiving: Falkirk Town Hall, 411; FITC Moulder/Coremaking Trainees, 508

Product Liability: 1025; (Leader), 955; Management Guide to, 790

Progress & Developmen Reports: Fettling Dust, Combating, 648; Induction Melting at Delta, 559; Magnetic Separator provides worthwhile Savings, 1220; Reclamation of Resin-bonded Sand at A. & N. Foundries, 46; Robot Handling aids Investment Casting, 1221

R

Reclamation of Resin-bonded Sand at A. & N. Foundries, 46

Research: Contract Organisation Expands, 7; Materials and Energy Conservation, 8; Mechanite Group Technical Meeting, 146; Molten Metal Explosions, needed, 55

Resin-bonded Sand at A. & N. Foundries, Reclamation of, 46

Robots: Britain's Future, 1171; Handling aids Investment Casting, 1221

Rolls-Royce, Vacuum Casting Facility installed by, 831

Rudge Littley, Limited, 549

Rugby Foundry Modernisation Programme benefits, 7

Russia, Rubber Mill Contract from, 1103

S

Sand: Cooling and Reclamation at GIFA, 1283; Preparation Plant at GIFA, 623

Scott, Hector, Retires, 727

Scrap: British Federation—Half-yearly Report has some Bright Spots, 1028; Quarterly Report, 149, 620, 1059; Revised Specifications, 212; Non-alloy Ferrous Export-licensing Arrangements, 725; Thoughts on (leader), 1167; Waste—Merchants Sector Analysis, 459

Sculptures, Cast, win Worldwide Acclaim, 285

Seminars: British Ironfounders' Mission to US, 101; International "Handling" (leader), 99, 154; Meehanite, Indian Foundrymen attend, 104; Technician Training at Barking, 512

Serck Audco Valves, Limited, 527

Ship Shops, Portsmouth No. 3, 1006

Silica and Moulding Sands Association—Annual Dinner, 1279

Situation Desperate? (Leader), 207

Smith, C. & B. Foundries, Limited, 663

Socio-economic Developments on European Foundries and their Future Foundry Technology, Effects of, 125

Sofia, Industrial Handling Equipment Seminar at, 99, 154

Spheroidal-graphite-type Ni-Resist Cast Irons, Weldability of, 17

Statistics, Ironfounding: 3, 284

Steel: British Foundry Exports Squeezed, 150; Shot, Recent Developments double capacity for, 871

Sterling Metals, Limited, 522; awarded for Outstanding Performance, 957

Student, What every should know? (leader), 827

Suppliers to the Industry: Barton Abrasives, Limited, 871; Paterson, W., (Foundry Materials), Limited, expand at Kilsyth, 1088

T

Technical: Control in the Production of High-quality Grey-iron Castings, 737; Paper Translations, 1114

Tons, Let us get away from (leader), 3, 284

Training: Grangemouth Centre, Success at, 411; Midland Foundry Centre, 1057; Multi-racial Foundry, in the, 224; Safety, In-plant, 724; Technician, Seminar at Barking, 512

Translations, Technical Papers, 1114

V

Vacuum Casting Facility installed by Rolls-Royce, 831

W

Waterwheels retain Nineteenth-century Patterns, Famous, 1099

Weldability of Spheroidal-graphite-type Ni-Resist Cast Irons, 17

West Bromwich, Students achieve Distinctions at, 957

West Germany Study Period Report, 1022

Works Visits Days, IBF National, 515, 650

Authors

Allan, P. J., 695

Apsley, S. D., 349

Beard, D. R., 994

Bower, J., 1096

Cooper, B., 879, 1135

Danischewsky, M. I., 353, 1299

Dodd, J., 963

Fish, G. R., 361

Green, P. A., 438

Greenhill, J. M., 737
Lockett, M., 224
McCombe, 107, 413, 623, 841, 1063, 1283
Meigh, H. J., 774
Murray, A., 224
Narayan, S. N. Anant, 17
Palmer, P. V., 125
Parkes, A. R., 329
Rickard, A. J., 17
Sparhan, H. T., 46
Stephenson, N., 17
Wills, Thos., 329

Diecasting

Alumasc Brass Diecastings aid Navigation, 172
Aluminium Casting Production World-wide, OEA Report, 374
BNF Wantage, Visit to, 1135
Brass, Alumasc Diecastings aid Navigation, 172
Brock Metal Comany, Limited, The, 921
Brockhouse Kaye (Prestigne), Limited, Modernisation Programme installed at, 182
Bromsgrove Casting and Machining, Limited, 1137
Conference, Second National Diecasting, 173, 375
Diecasting Society News, 171, 694, 1135
GKN Alloys gain Queen's Award for Export, 693
Golf Tournament, Midlands Branch, 171
Modernisation Programme installed at Brockhouse Kaye (Presteigne), Limited, 182
Newman Electric Motors, Recent Developments at, 705
OEA Report—Aluminium Casting Production World-wide, 374
Power Presses, Guidance on the Safe Use of, 705
Programmable Controllers in Diecasting, Application of, 695
SDCE to hold Low-pressure Diecasting Seminar, 373
Seminars: SDCE to hold Low-pressure Diecasting, 373
Suppliers to the Industry: Brock Metal Company, Limited, The, 921
Zinc-ingot Producer looks to New Markets, 921

Patternmaking

Competition, FITC Patternmaking, 1979, 490
Conference: Patternmaking, First International, 263
FITC Patternmaking Competition, 490
NSMP: "Highlight" of the Year, 263; News, 488
Patternmaker and the Philosophy of Change, 75
Pollard, David, 75
Skil Olympics, International, 487